CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/KRIDL/W.No.16/2017-18 Date: 13.03.2018

TEST REPORT

CLIENT	:	**Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.
AGENCY	:	**Technical Manager,** KRIDL, Bangalore.
NAME OF THE WORK	:	Providing drinking water facilities in Chndrappa Badavane and Surrounding Areas in Ward No.16 Jalahalli, BBMP, Bangalore.
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-1989
1	a) Initial Setting Time	IS-4031 (Part -5)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	410 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported reported within 15days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Scanned by CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/KRIDL/W.No.16/2017-18 Date : 13.03.2018

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : **Technical Manager,** KRIDL, Bangalore.
Name of Work : Providing drinking water facilities in Chndrappa Badavane and Surrounding Areas in Ward No.16 Jalahalli, BBMP, Bangalore.
Date of Testing : 13.03.2018
Material : Sand Total Wt. of Aggregates **2000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	82	4.10	4.10	95.9	90-100
2.36	164	8.20	12.30	87.7	75-100
1.18	140	7.00	19.30	80.7	55-90
600 Micron	535	26.75	46.05	54.0	35-59
300 Micron	650	32.50	78.55	21.5	8-30
150 Micron	384	19.20	97.75	2.3	0-10

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Scanned by CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/KRIDL/W.No.16/2017-18 Date : 13.03.2018

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : **Technical Manager,** KRIDL, Bangalore.
Name of Work : Providing drinking water facilities in Chndrappa Badavane and Surrounding Areas in Ward No.16 Jalahalli, BBMP, Bangalore.

Date of Testing : 13.03.2018

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	165	1.10	1.10	98.90	95-100
20	8348	55.65	56.75	43.25	30-70
10	3465	23.10	79.85	20.15	10-35
4.75	2515	16.77	96.62	3.38	0-5

Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.

AE

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

EE

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Office & Laboratory : # 113, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
Ph: 080-23240644 / Mob: 8553518550

Scanned by CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No: CQCE/BBMP/KRIDL/W.No.16/2017-18 Date : 13.03.2018

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : **Technical Manager,** KRIDL, Bangalore.
Name of Work : Providing drinking water facilities in Chndrappa Badavane and Surrounding Areas in Ward No.16 Jalahalli, BBMP, Bangalore.
Date of Testing : 13.03.2018
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	191	3.8	3.8	96.2	95-100
10	2856	57.1	60.9	39.1	25-55
4.75	1545	30.9	91.8	8.2	0-10

Note:
Note:
1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported reported within 15days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned by CamScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/KRIDL/W.No.16/2017-18

Date: 14.03.2018

TEST REPORT

CLIENT	:	**Executive Engineer,** Rajarajeshwari Nagara Division, BBMP, Bangalore.
AGENCY	:	**Technical Manager,** KRIDL, Bangalore.
NAME OF THE WORK	:	Providing drinking water facilities in Chndrappa Badavane and Surrounding Areas in Ward No.16 Jalahalli, BBMP, Bangalore.
SAMPLE ID	:	Bricks Test – Class 7.5 (Machine molded)
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the samples are as follows:

Sl. No	Description	Test method as per IS Codes	Result	Requirement as per IS 1077-1992 (Rev-5)
1	Compressive Strength Of Bricks	IS 3495-1992 (Part-1)	8.12 N/mm^2	Class designation 7.5
2	Water Absorption of Bricks	IS 3495-1992 (Part – 2)	9.97 %	Not more than 20 %
3	Efflorescence of Bricks	IS 3495-1992 (Part – 3)	Moderate	Up to 12.5 Class
4	Dimensional Analysis of Bricks (minimum Sampling is 20 Nos.)	IS 1077-1992 (Rev – 5)		
(a)	Measurement of Length in mm		3835 mm	(3800 ± 80 mm)
(b)	Measurement of Width in mm		1819 mm	(1800 ± 40 mm)
(c)	Measurement of Height in mm		1426 mm	(1400 ± 40 mm)

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 15 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail civilqualityconsultant[illegible]@gmail.com Ph: 080-23240644 / Mob: 8553518550

Scanned by CamScanner